

# ASX ANNOUNCEMENT

26 March 2025

CuFe<sup>ltd</sup>

## CORPORATE PRESENTATION

CuFe Ltd (ASX: **CUF**) (**CuFe** or the **Company**) advises that it has released an updated Corporate Presentation.

Managing Director Mark Hancock will deliver this presentation at the Ignite Investment Summit Hong Kong on 26 March 2025.

A copy of the Corporate Presentation is attached to this announcement and can be viewed on the Company's website. No new information is disclosed in the presentation.

Released with the authority of the CuFe Board.



# CuFe<sub>ltd</sub>

## **INVESTOR PRESENTATION**

March 2025

ASX: CUF

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Throughout this presentation all figures are quoted in A\$ dollars unless otherwise stated.

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Information in this presentation that relates to Exploration Results, Mineral Resources or Ore Reserves is based on previous announcements and reports made by CuFe (or other relevant parties) to the Australian Securities Exchange and to other statutory bodies.

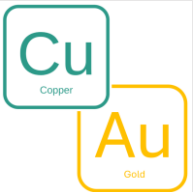
This presentation does not constitute financial product advice (nor investment, tax, accounting or legal advice) and has been prepared without taking account of any person's investment objectives, financial situation or particular needs.



# Corporate Snapshot

ASX-listed (CUF), Australia focused developer and explorer lead by an experienced board and management team. Following the sale of its JWD iron ore mine in late 2024 CuFe is focused on progressing its diversified portfolio which ranges from mature projects to greenfield exploration

## KEY PROJECTS AND INTERESTS



**Tennant Creek Copper:** Mature copper development project (NT)

**Bryah Basin Joint Ventures:** Free Carried exploration JV's at Forrest, Morck Well, Peak Hill (WA)



**Yarram Iron Ore:** Advanced iron ore project (NT)

**Camp Creek:** Greenfield exploration opportunity (NT)

**Robertson Range:** Greenfield exploration (WA)



**West Arunta Project:** Greenfield exploration project (WA)



**Tambourah Project:** Early stage exploration project (WA)

**Nullagine Project:** Early stage exploration project WA)

**North Dam:** Early stage exploration project (WA)

## OWNERSHIP

Gold Valley Group	29.8%
Cyclone Metals Group	9.9%
Top 20 Shareholders	57.6%
Directors	2.9%

As at 19<sup>th</sup> March 2025

## SHARE PRICE

As at 19 <sup>th</sup> March 2025	\$0.007
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## CAPITAL STRUCTURE

Shares	1,347m
Market Capital	\$9.4m
Cash (as at 31 Dec 24)	A\$3.7m
Listed Options*	144m
Unlisted Options**	79m

As at 19<sup>th</sup> March 2025

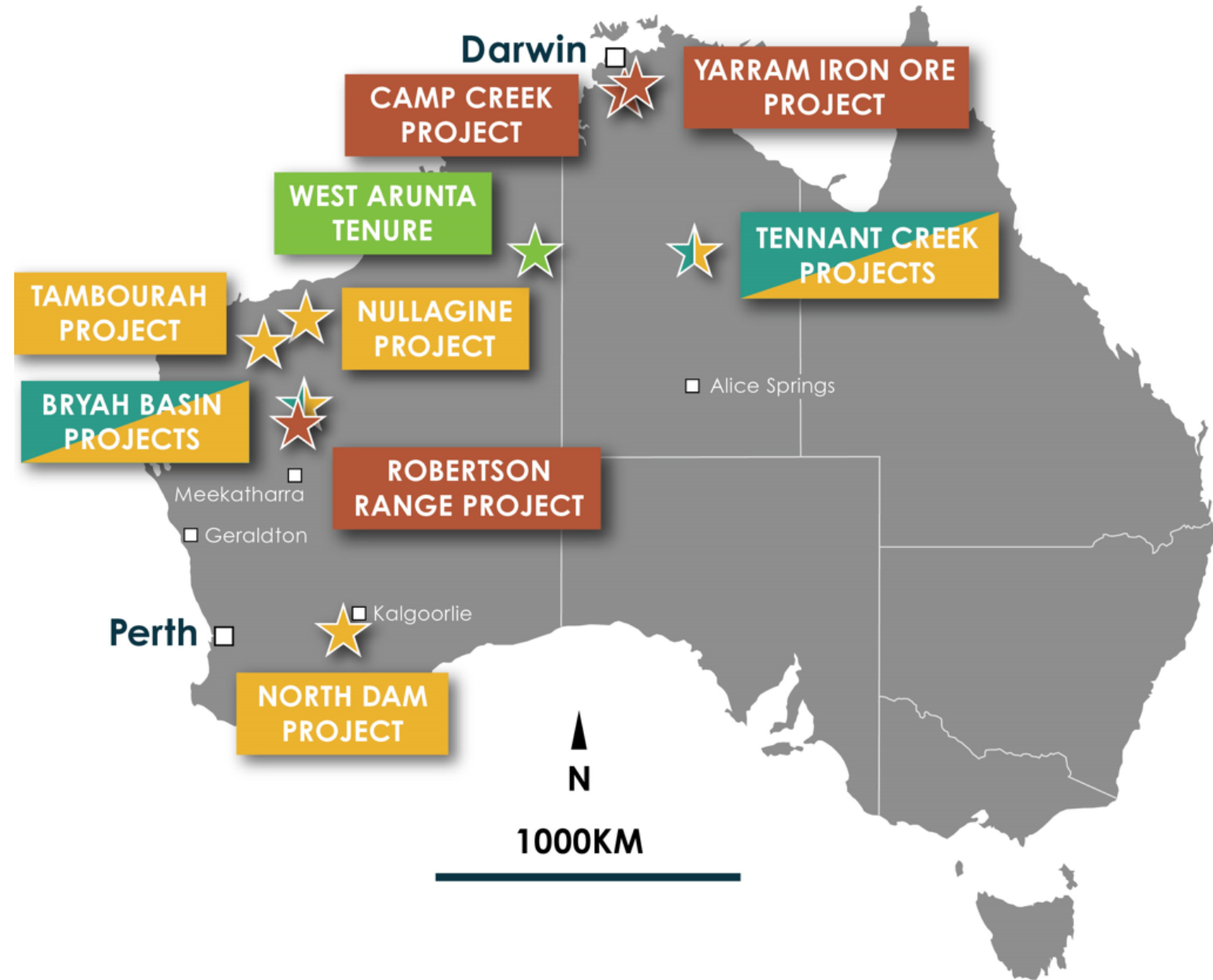
\* Exercisable at \$0.025 expiring 13 June 2027

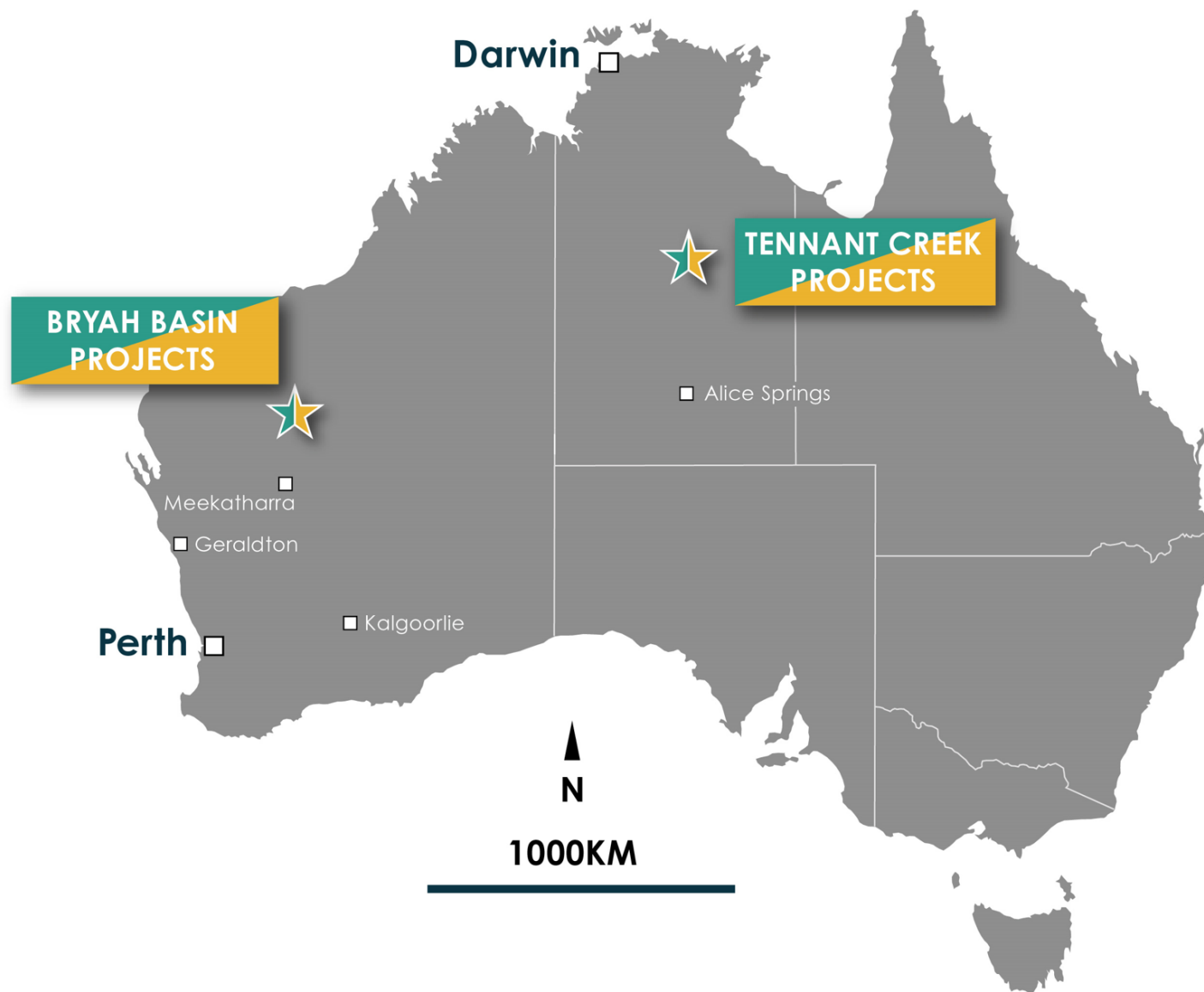
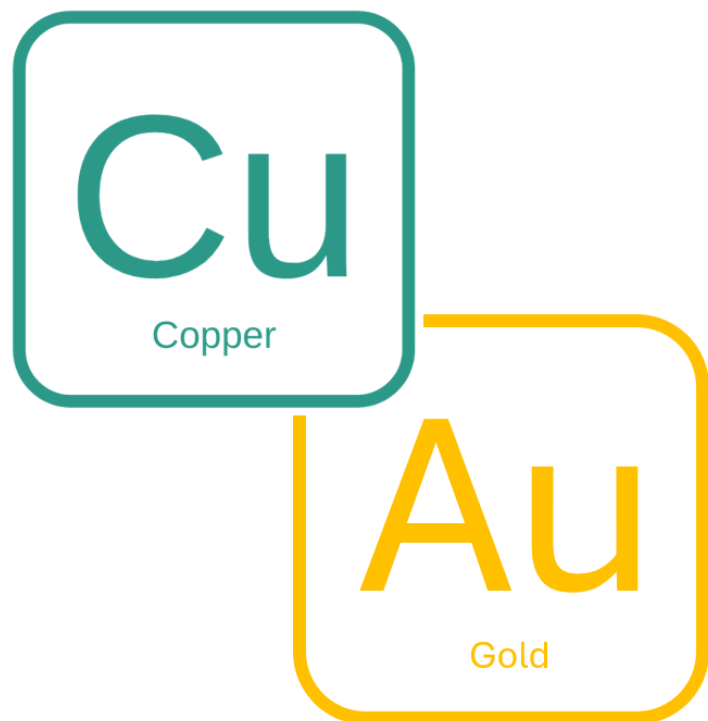
\*\* Various expiry and exercise prices

## BOARD AND MANAGEMENT

Tony Sage	Executive Chairman
Mark Hancock	Executive Director
David Palmer	Non-Executive Director
Scott Meacock	Non-Executive Director
Matthew Ramsden	GM - Development
Siobhan Sweeney	Manager - Geology
Catherine Grant-Edwards	Joint Company Secretary
Melissa Chapman	Joint Company Secretary

# CuFe Projects





# TENNANT CREEK COPPER / GOLD

Holds material tenement package in rich copper / gold producing mineral field

## Ownership

- CuFe 55% interest (including operatorship) over some 240km of highly prospective tenure at Tennant Creek in the Northern Territory (**Tennant Creek**).

## Project Overview

- Mature Cu-Au resources with favorable metallurgical properties, historically mined by both open cut and underground methods. Located centrally within the re-emerging Tennant Creek Cu/Au province.
- Nearby infrastructure including the Tennant Creek township (services and work force), rail corridor to Darwin Port including rail siding and power (existing grid and gas pipeline).

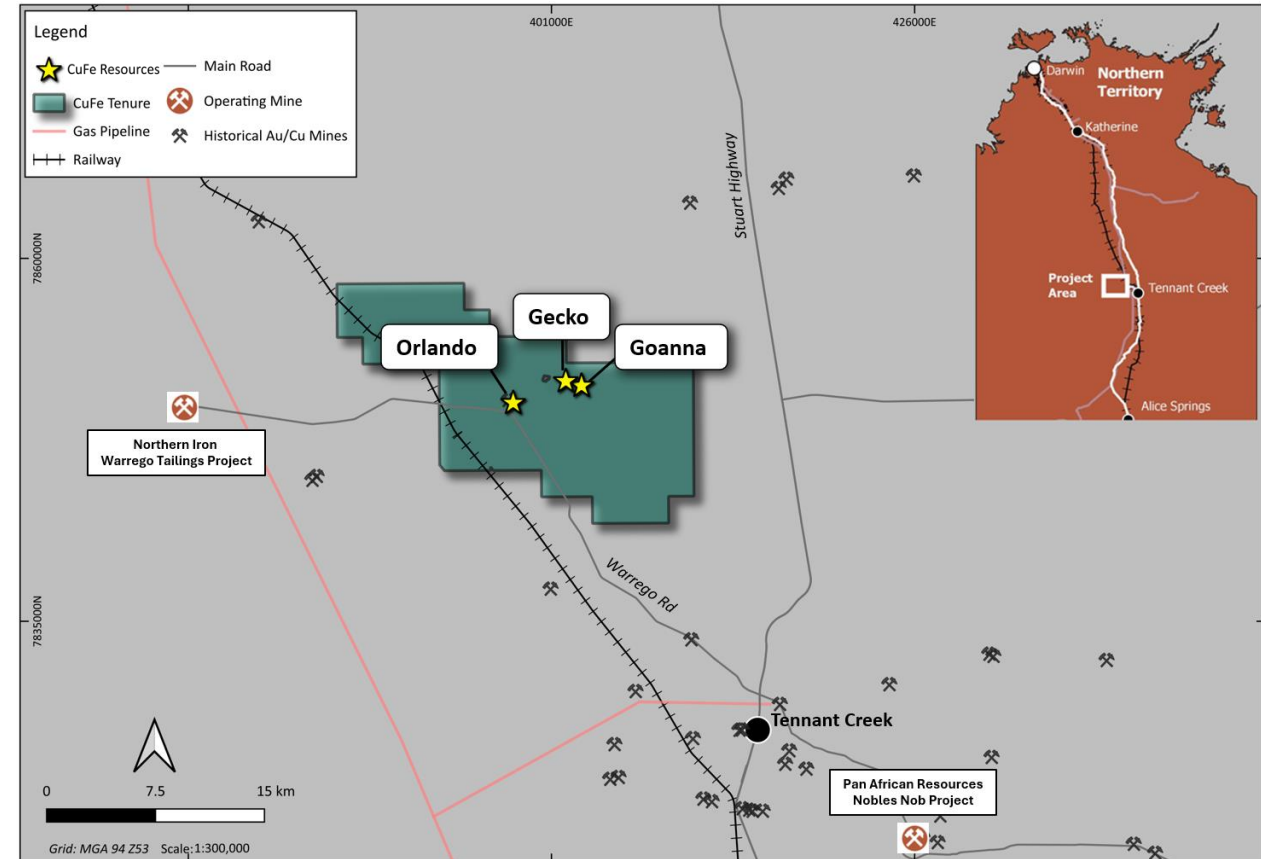
## Resources

- JORC 2012 Mineral Resource of 10.35Mt @ 1.53% Cu and 0.92 g/t Au for 160kt Cu and 302k oz Au\* from the Orlando and Gecko/Goanna deposits.
- High grade copper and gold have been mined across the tenement from 1957 to 1997 producing over 232k ounces of gold and 127t of copper.

## Exploration and Development Potential

- Multiple Development options are being analysed based on the growing CuFe resource base and investment within the wider Tennant Creek Mineral Field.
- Highly Prospective for further resource growth from resource extensions and or new targets/discoveries.

\* Refer to CUF announcement 3 February 2025



# TENNANT CREEK ALLIANCE – DEVELOPMENT OPPORTUNITIES

## Joint Scoping Study in Progress

### Alliance Partners

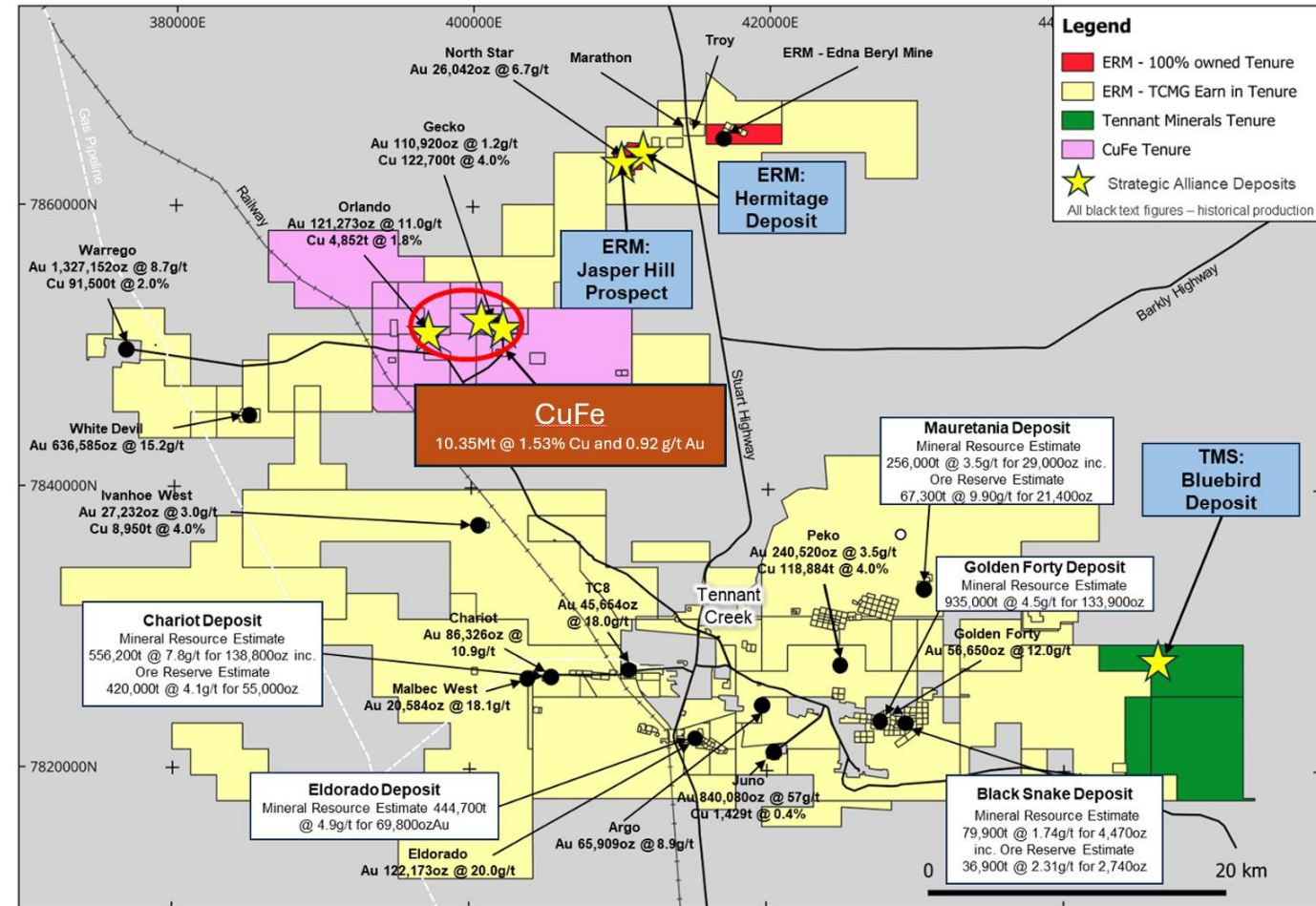
- Collaboration with Emmerson Resources (ERM) and Tennant Minerals (TMS) to evaluate the potential viability of multiple processing options of copper-gold mineral resources/deposits including:
  - CuFe Orlando and Gecko Resources
  - ERM Jasper Hill and Hermitage
  - TMS Bluebird

### Joint Scoping Study

- Scoping Study work streams:
  - Resource and 3D modelling of the deposits
  - Analysis of Processing Options including a multiuser plant
  - Open pit and underground mine planning , mine design and scheduling
  - Metallurgical testwork modelling, plant flow sheet design and sizing
  - Operational Cost and Capital Estimates

### Government Support

- Letter of support has been received by Northern Territory Minister of Mines for the scoping and subsequent prefeasibility study.
- New NT government looking to accelerated mine development approvals to facilitate economic growth



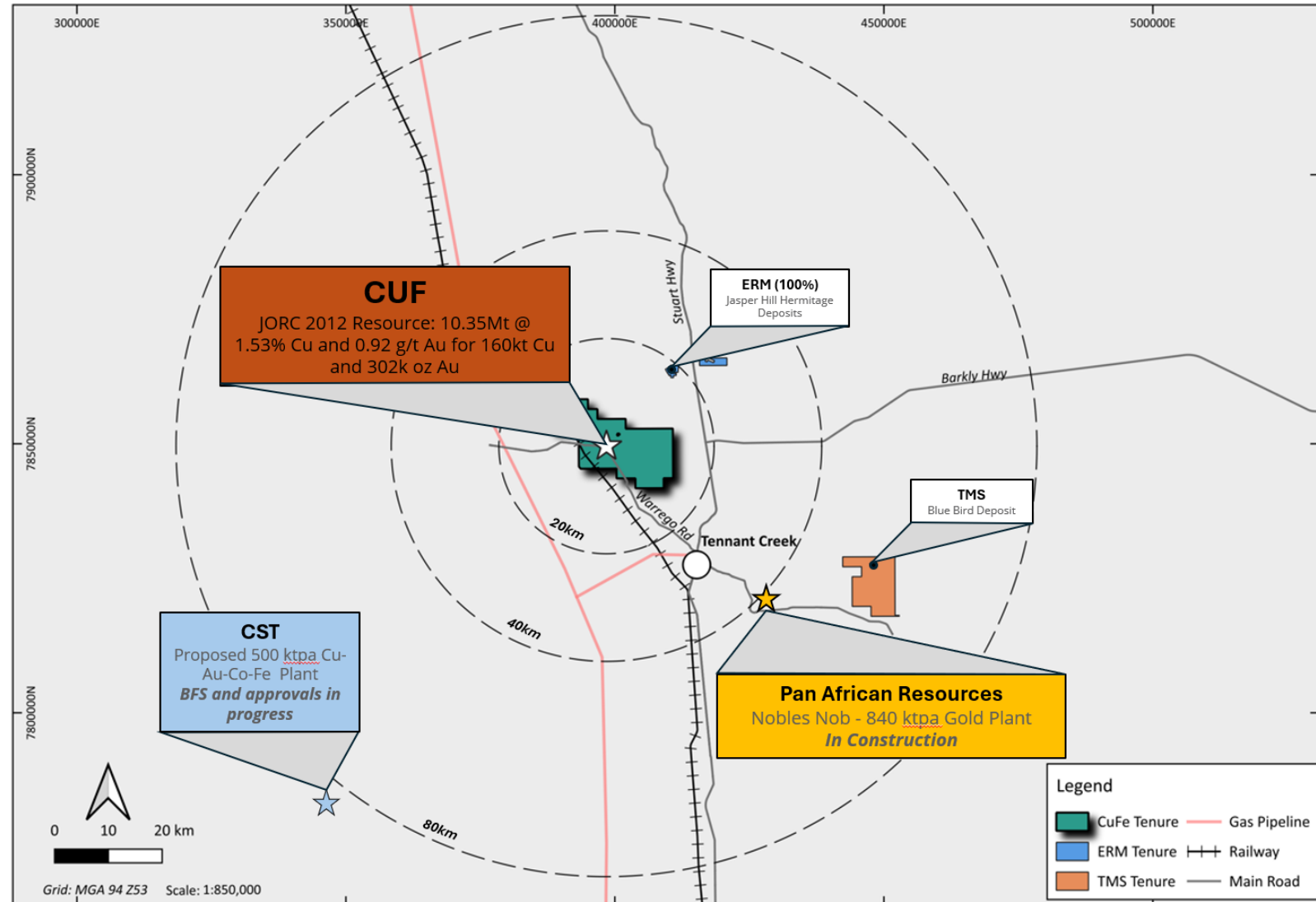


# TENNANT CREEK – DEVELOPMENT AND CONSOLIDATION OPPORTUNITIES

Multiple processing options emerging and corporate activity underway

## Prime Strategic Positioning

- Several poly metallic deposits and projects are being actively developed and studies across the mineral field. CuFe's resources sit in the middle of these, which are all within an 80km radius of Tennant Creek.
- Centralised processing has been successful historically across the mineral field and creates economic options for smaller, high-grade resources of the type typically found at Tennant Creek.
- Late 2024 AIM and JSE listed Pan African Resources plc (which has market cap in excess of A\$1.5B) acquired the privately held TCMG for USD54m plus USD38m of debt assumed. PAF stated an objective of consolidating “stranded” third party resources to process through their Nobles Nob gold plant that is scheduled to commence gold production in 2025 and has stated plans for a copper circuit to follow.
- Last week ASX listed Patronas Resources (PTN) has purchased a circa 8% interest Emmerson Resources for \$5.4m, noting that the investment gives it “exposure to M & A activity in the highly prospective Tennant Creek district”.



# TENNANT CREEK – RESOURCE GROWTH

## Growing Resources to establish strong position for Development

- Redefining historical resources through a global interpretation of the full data set.
- Historical mining operations (open pit and underground) targeted very high-grade portions of the deposit and there is potential in remaining resources at current metal prices.

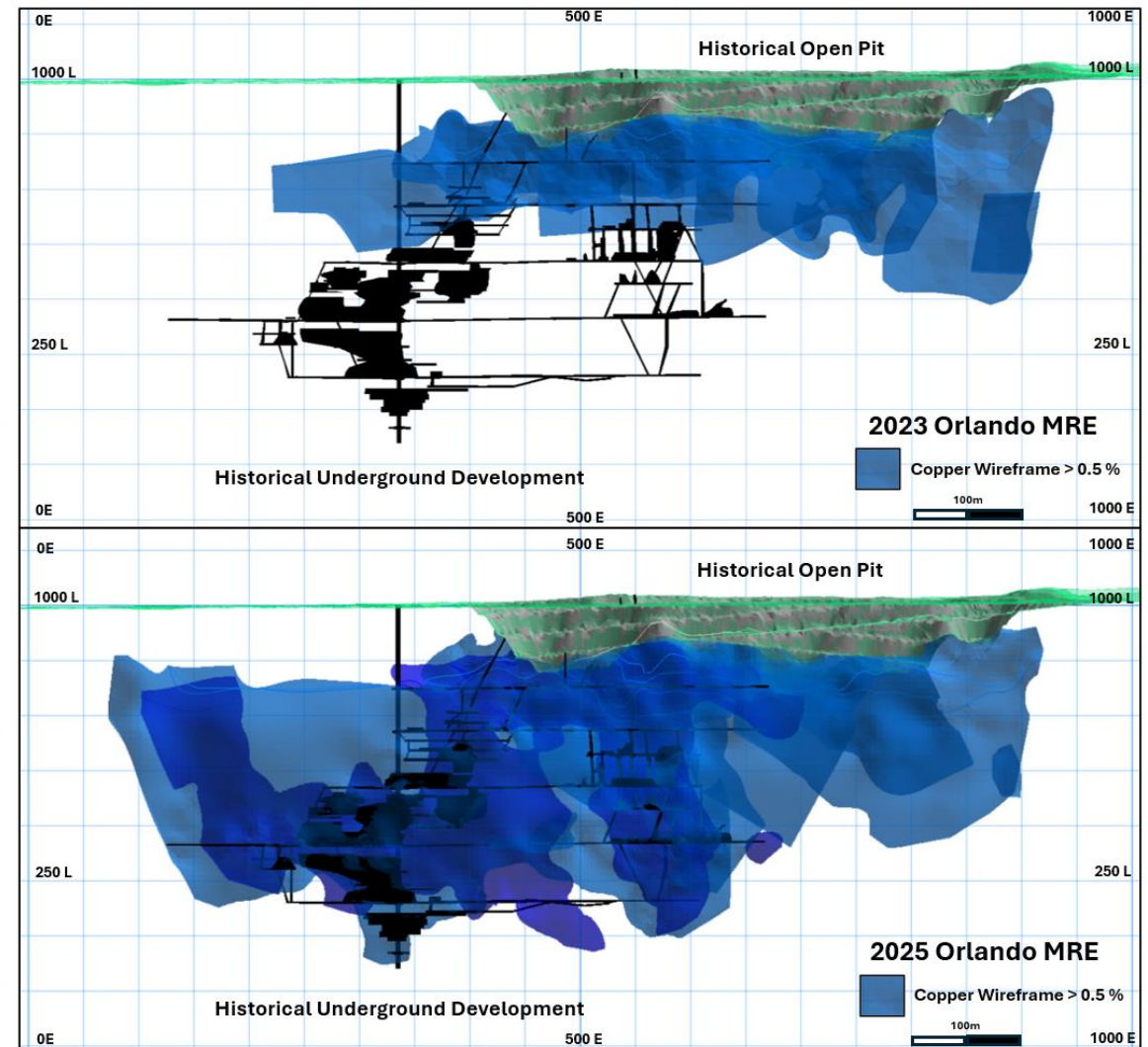
### Resource Update Orlando

- Full global estimate of the Orlando resource in Jan 2025 by MEC. The Orlando Deposit resource now stands at 5.95 Mt at 1.16% Cu and 1.5 g/t Au\*.

### Gecko / Goanna / Monitor

- Independent audit and review of global data set has been completed by MEC.
- Global Mineral Resource Estimate for Copper and Gold across the full corridor is has commenced with opportunities to grow the resources identified.
- Numerous historical data sets have been rebuilt into a full deposit scale validated database as an input into the resource modelling process.

\* Refer to CUF announcement 3 February 2025



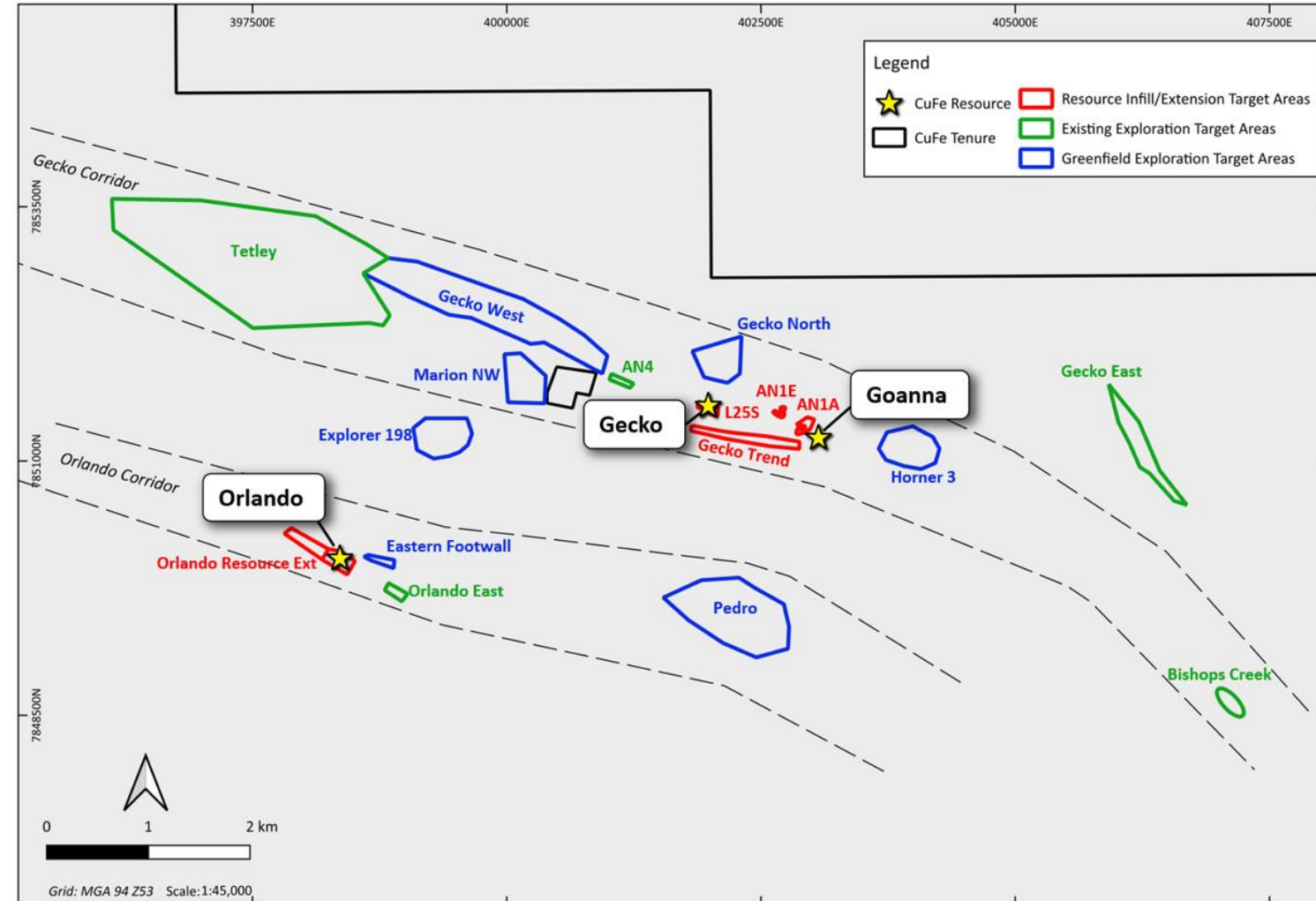
Change in Copper (>0.5% Cu) wireframe between 2023 and 2025 MRE

# TENNANT CREEK –EXPLORATION AND RESOURCE DEVELOPMENT

Drill Targets are defined and to be tested

## Exploration Targets

- The large and broad tenement ( 220 km<sup>2</sup> ) positioned along the Warrego – Orlando/Gecko corridor provides opportunities to explore wider than the immediate resources more regionally using modern geophysical techniques.
- 3 broad categories:
  - Resource extensions, close out and improving confidence (resource category) of the current resources
  - Testing exiting near mine exploration targets
  - Testing new “green fields” exploration targets
- CuFe is progressing land access and approval plans with aim of executing drill programs during the 2025 dry season.



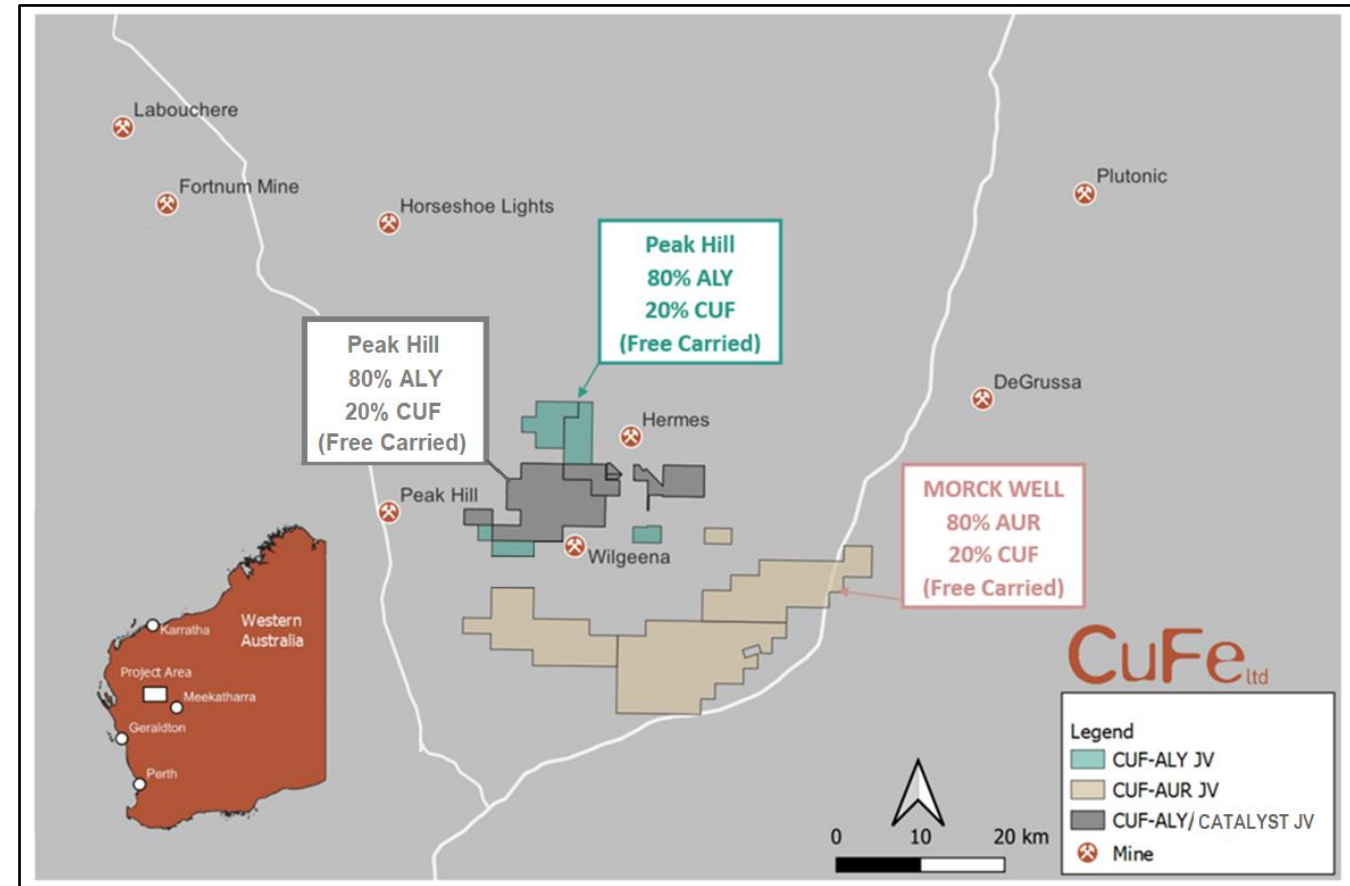
Exploration Target Areas

# BRYAH BASIN JV PROJECTS

## Prospective Cu-Au Province

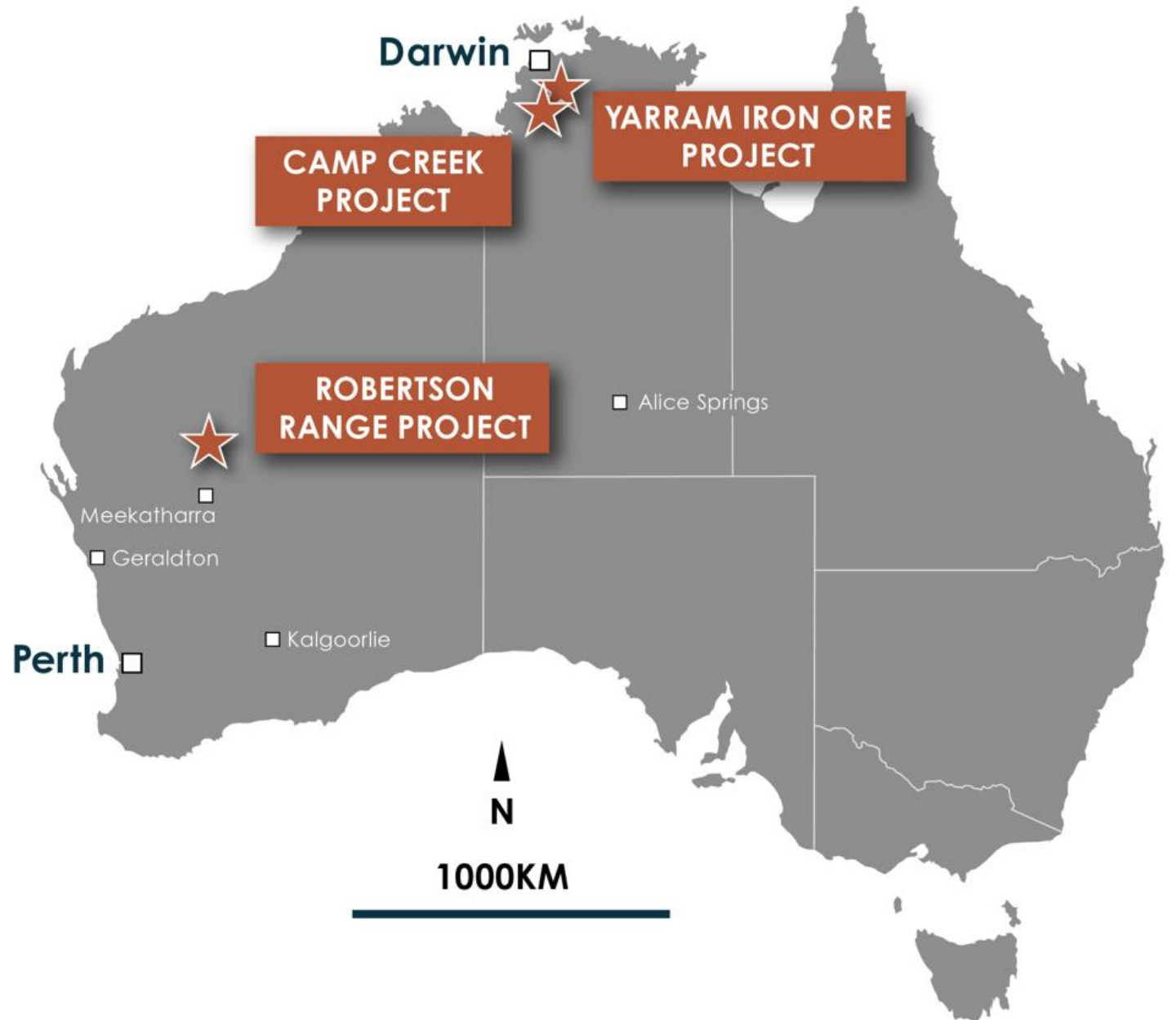
### Free carried JV's chasing near mine exploration targets

- Tenements proximal to Sandfire Resources NL (ASX: SFR), Doolgunna Project; and former DeGrussa copper-gold mine, and other gold and copper prospects
- Exploration licences at Forrest, Morck Well and Peak Hill operated by Auris, Alchemy and Catalyst
- CuFe is free carried to decision to mine across these tenements at a 20% equity share



JV tenements within Bryah Basin





# YARRAM IRON ORE PROJECT

Mature iron ore development opportunity with potential for low-cost production

## Ownership

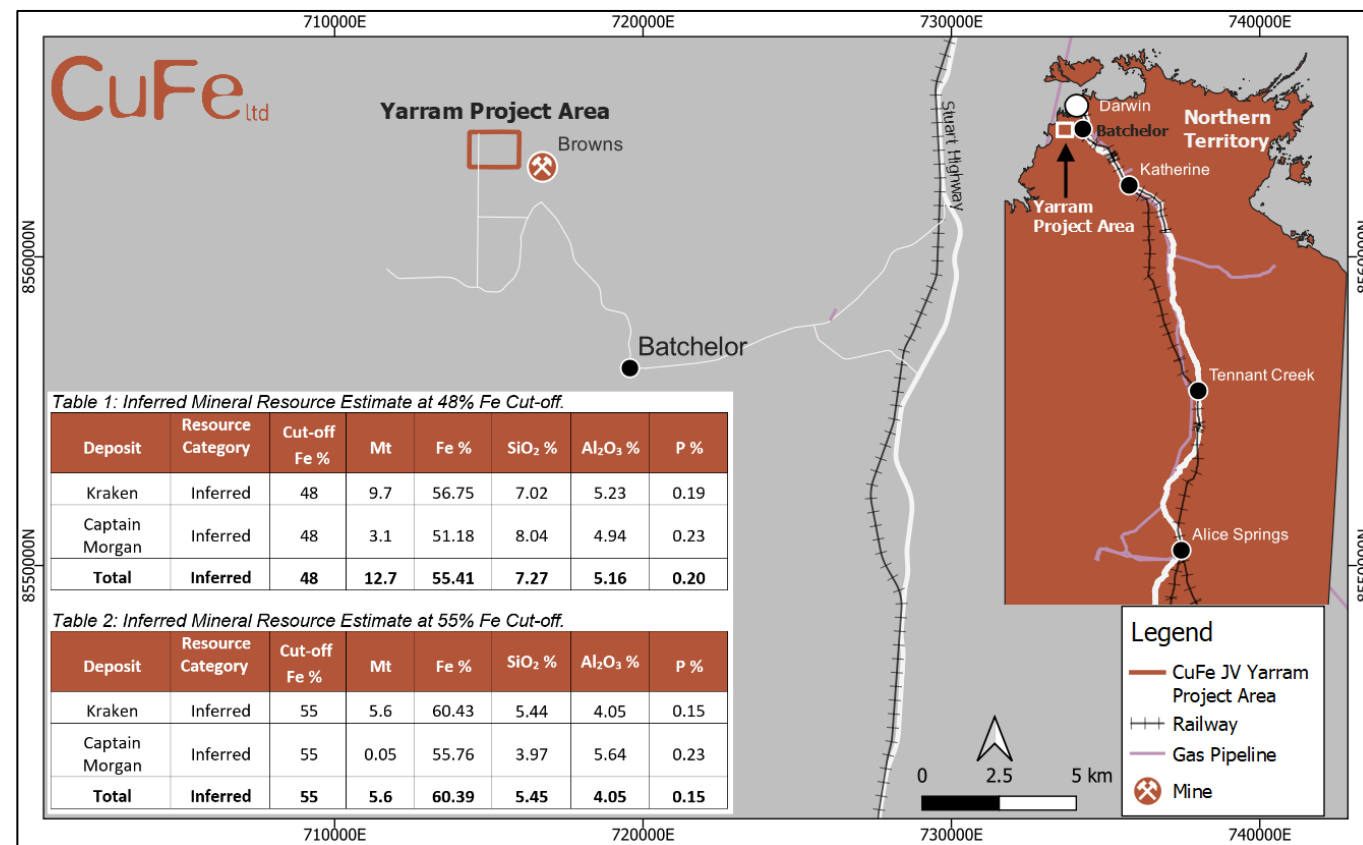
- CuFe holds a 50% interest (including operatorship) in the Yarram Iron Ore Project (**Yarram**).

## Project Overview

- Yarram has a high-grade DSO resource\* of 5.6MT @ +60% Fe and also contains low grade component of 7.1Mt that has the potential for upgrading/beneficiation or direct shipping for others to do so
- The Project is partially located on an existing mining lease on freehold land located ~110km from Darwin Port and adjacent to existing underutilised mining infrastructure.
- Favorable ore body geometry (strip ratio), short haulage distance and existing Port infrastructure all indicate potential for a low operating cost.

## Development Options

- Studies are focusing on near term development options that have the lowest environment impact / lowest complexity environmental approvals pathway including:
  - Prioritizing near-term production around the quickest and cheapest path to market within the current Mining Lease (MLN1163) from Captain Morgan
  - Potential use of disturbed areas and infrastructure at neighboring Browns Copper Oxide mine that is in care and maintenance.



Yarram Resource and Project Location

\* Refer CUF ASX release dated 28th February 2023 for JORC 2012 Yarram Resource

# CAMP CREEK - YARRAM SOUTH

## Potential Tenure prospective for Yarram Style Fe Enrichment

### Tenure has been Granted

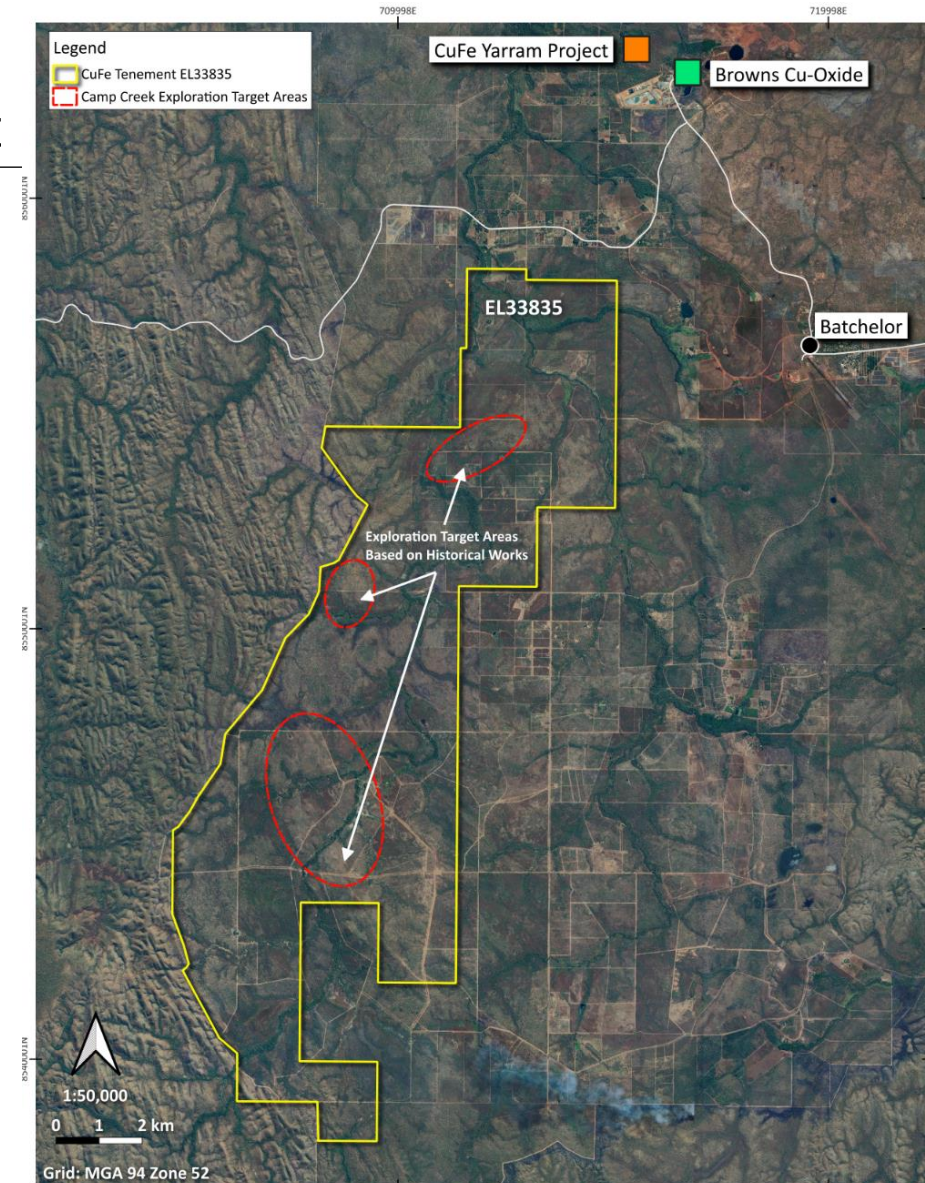
- EL33835 has been granted to CuFe, located in the Batchelor region of the Northern Territory approximately 5km south-west of the Yarram Project.
- 88 km<sup>2</sup> of tenement area across predominantly pastoral stations.

### Previous Work and Fe Potential

- The region has been explored for gold and uranium with a small amount of surface work for iron ore.
- Royal Resources Limited and Finnis Contracting have undertaken exploration across the tenement, identifying target areas for iron ore enrichment based on magnetic anomalies, high-grade rock chip assays, and structurally favorable geology. Their findings highlight the potential for 'Yarram style' lode iron ore enrichment.
- Economic mineralisation at Camp Creek could complement the CuFe Yarram Project and support near-term Development options.

### Exploration Strategy

- Reconnaissance outcrop mapping, rock chip sample and pending results widespread RC drilling.
- Initial work program planned at the conclusion of the wet season – April-May 2025.



Camp Creek - EL33835



# ROBERTSON RANGE

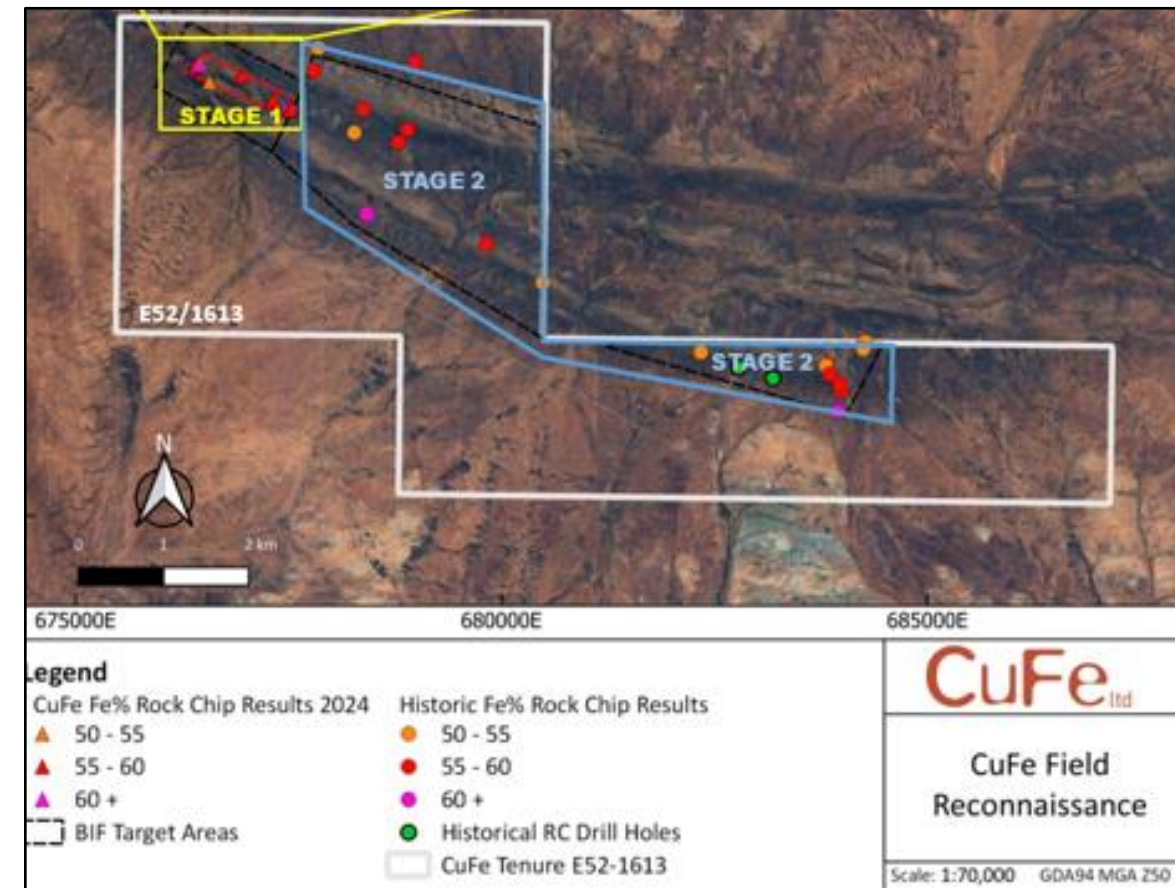
Potential for High Grade DSO Iron Ore on established haul route

## Stage 1 Field Work

- High grade iron ore enrichment identified on CuFe Bryah Basin Tenement E52/1613.
- Early-stage reconnaissance field work yields rock chip assays result in plus 60%\* Fe with low impurities.
- Corridor of surface supergene enrichment of Banded Iron Formation identified that has the potential to extend for 1.2km strike length.

## Stage 2 Program

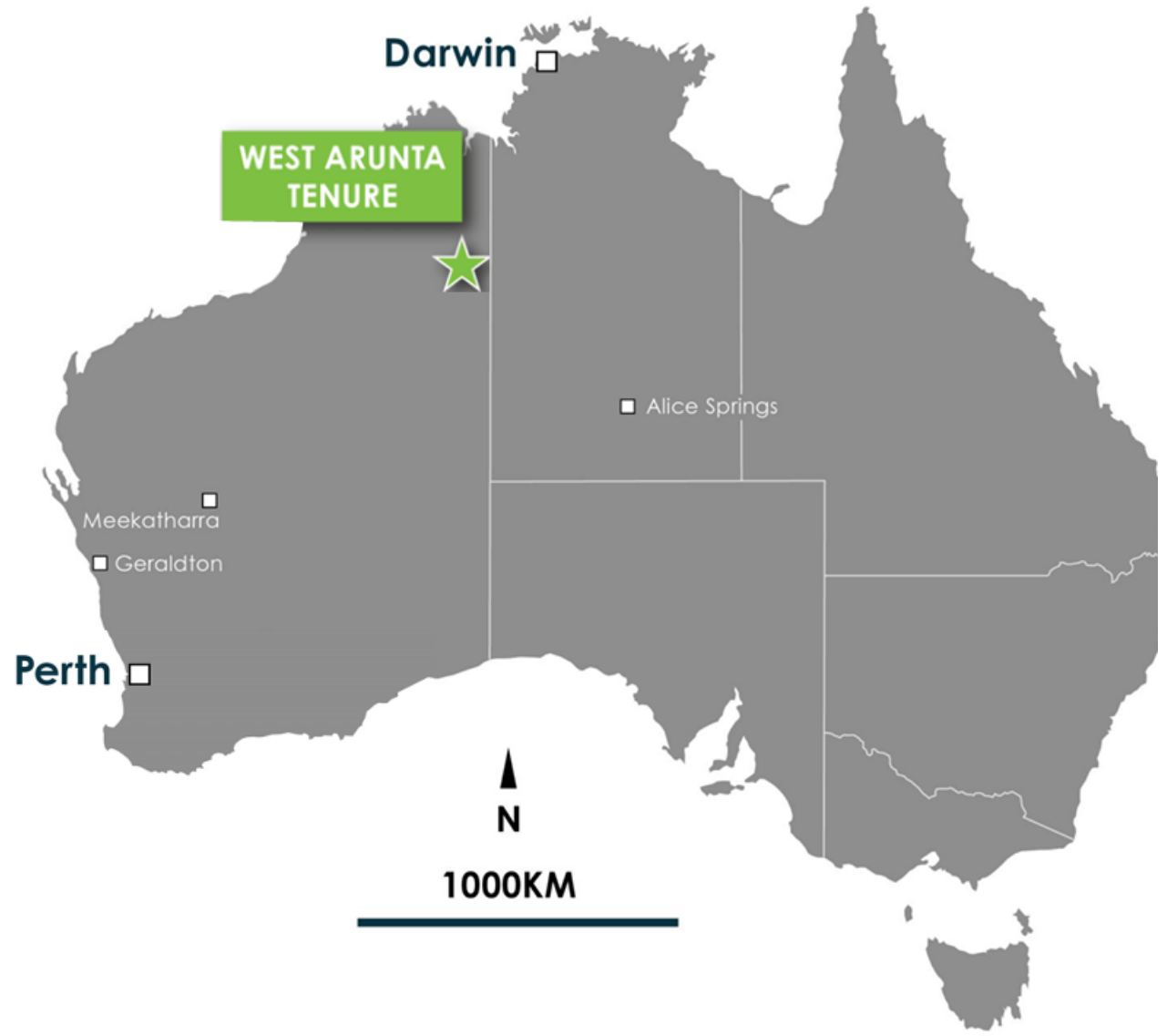
- Leveraging from the successful Stage 1 program the second stage of field exploration will commence in the 1<sup>st</sup> half 2025.
- Stage 2 aims to trace the extension of known surface enrichment along strike within the Banded Iron formations coincident with historic rock chips.
- Corridor of surface supergene enrichment of Banded Iron Formation identified that has the potential to extend for 1.2km strike length.
- Pending Stage 2 results a short RC program to test enrichment with depth is envisaged.



Robertson Range Rock Chips – Stage 1 and Stage 2 exploration areas

\* Refer CUF ASX release dated 17th July 2024





# WEST ARUNTA TENURE

## Strategic tenure in an emerging Niobium province

### Ownership

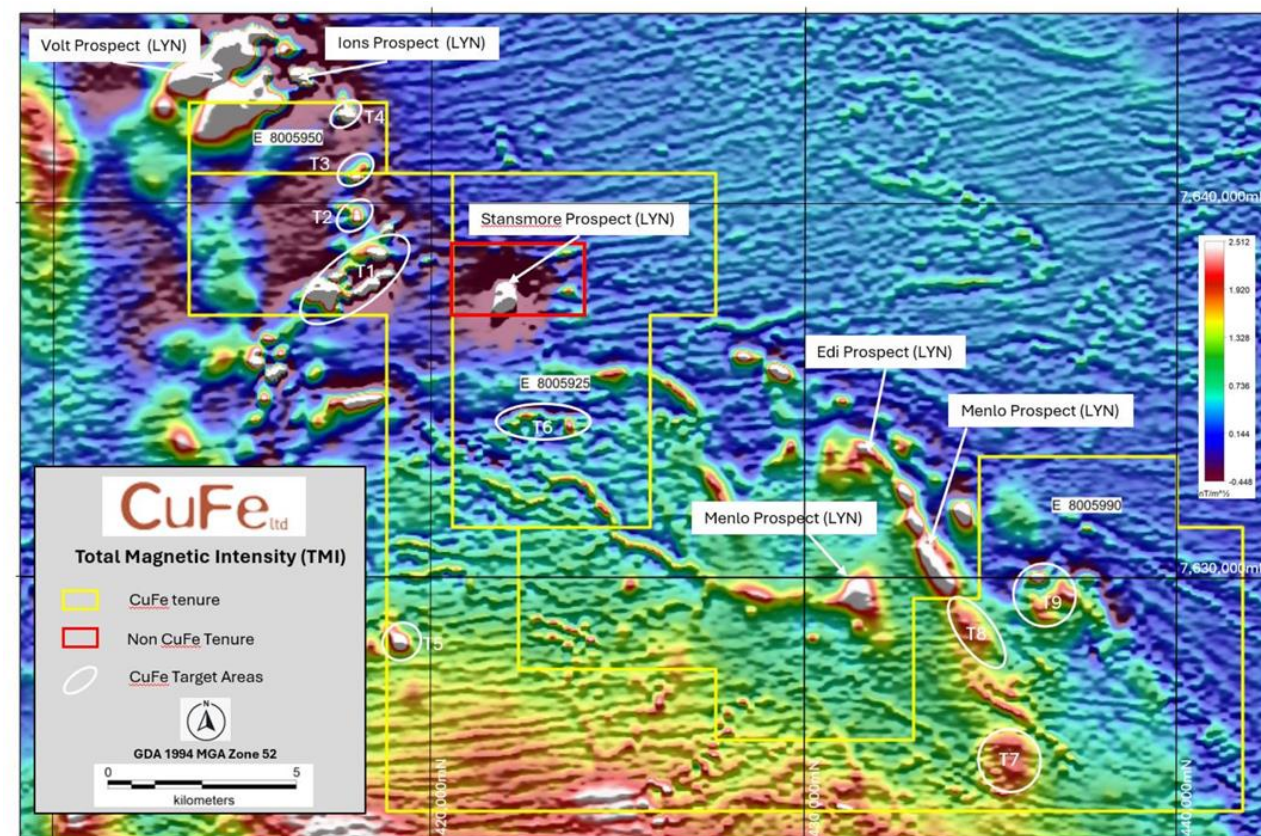
- CuFe has 100% of four tenements (E80/5925, E80/5950, E80/5990 & E80/6052) located in highly prospective West Arunta region.

### Tenement Status

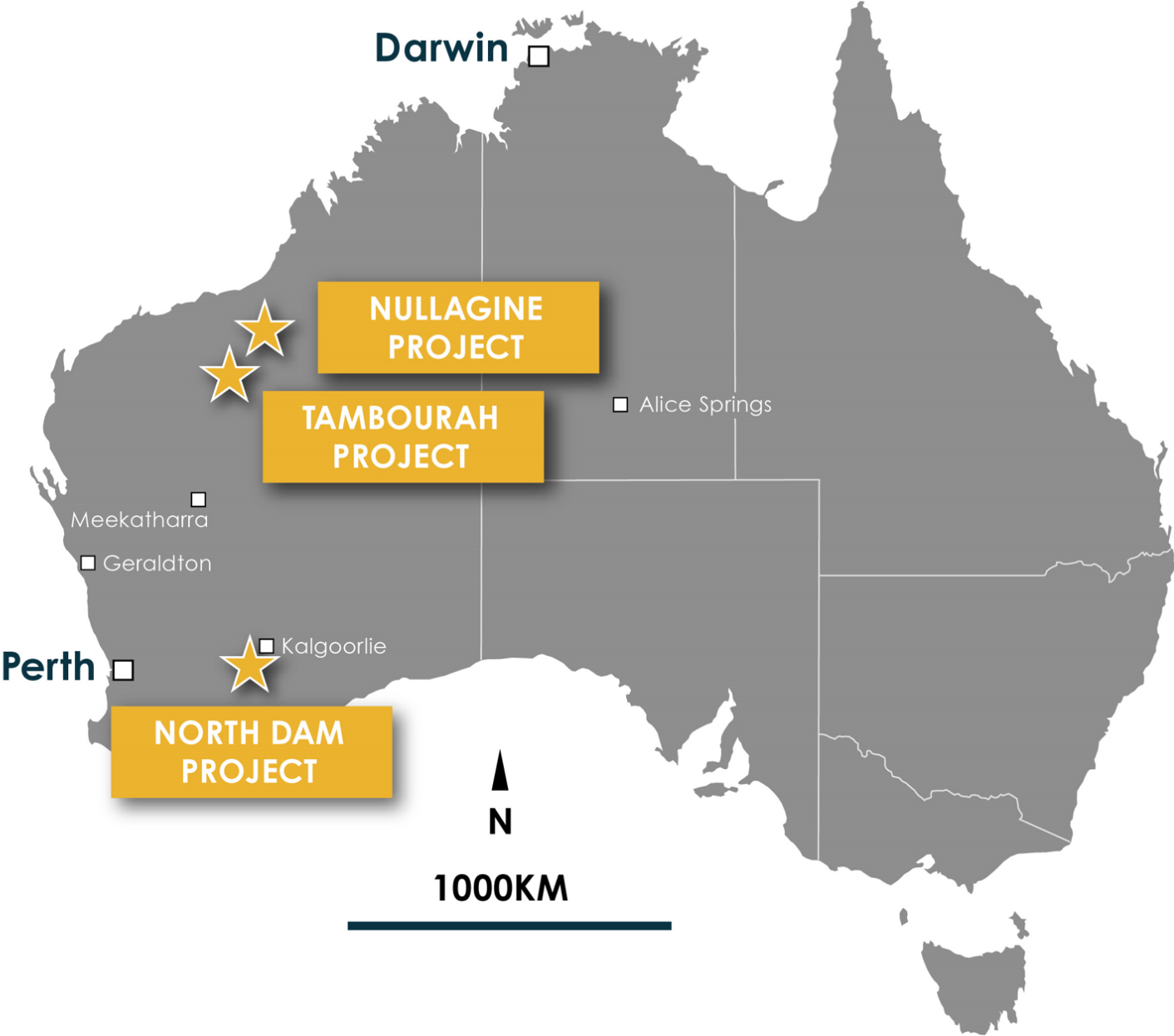
- CuFe successfully executed a Land Access Agreement with the Parna Ngururrpa (Aboriginal Corporation), the Registered Native Title Body Corporate for the Ngururrpa Native Title Determination (see ASX announcement 22 October 2024).
- Execution of this agreement will facilitate CuFe's application to the Minister responsible for administration of the Mining Act for consent to conduct exploration activities on the ground, which is a condition of these licenses given they are located within an Aboriginal Reserve area. This process is expected to complete shortly.

### Initial Targets

- Numerous targets have been identified from 3D inversion modelling of magnetic intensity (TMI). The targets vary in nature and provide potential for several different forms of mineralisation styles.
- Initial heritage surveys are planned post the wet season which will enable on ground exploration and or air borne geophysics.



Total Magnetic Intensity (TMI) and location of Target areas within E80/6052





# TAMBOURAH GOLD

## High Grade Gold within a historic gold mining centre

### Internal Review

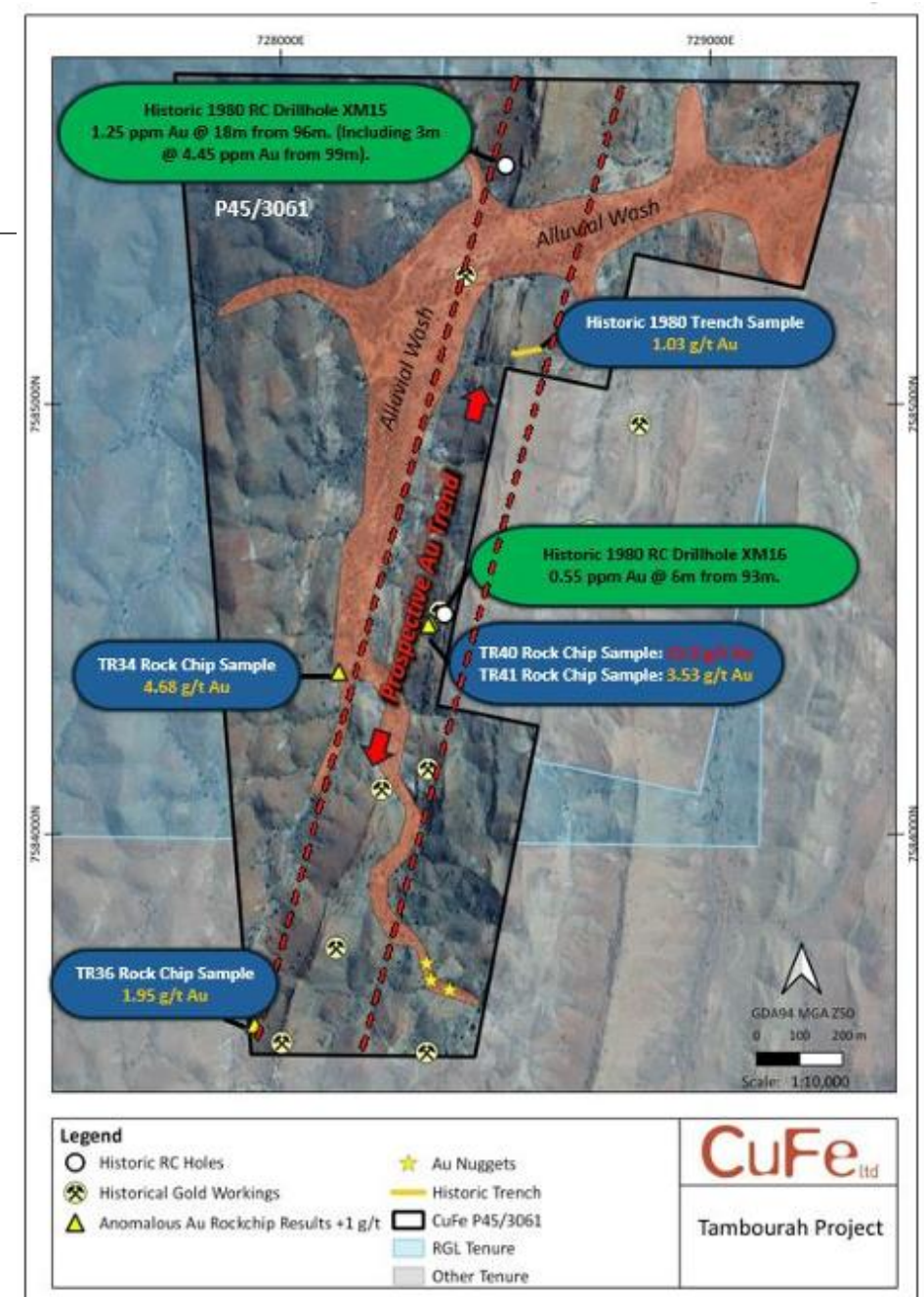
- Detailed technical review completed (See ASX announcement 30<sup>th</sup> October 2024) identified the potential for high grade gold mineralisation within a quartz reef vein system that has been mined historically through underground workings.
- Recent exploration in 2023 by previous tenement holder yielded rock chips containing visible high grade gold up to 11.9 g/t.

### Prospective Au Trend

- A prospective high grade corridor running NE-SW contains multiple sub vertical mineralised quartz veins that have been intercepted at depth with historical drilling by the Mt. Newman Mining Company in the 1980's.
- The corridor forms part of a more regional trend running north along strike to the Riversgold Ltd Hawkstone, Lone Star and Logans Find Gold/Copper Prospects.

### Exploration Strategy

- A field campaign has been designed to undertake mapping and rock chip sampling of the outcropping lodes in upcoming months.
- The outcome of the field campaign is likely to lead to a drill campaign to test the strike length and down dip continuity of the quartz reefs.



Tambourah Gold – Prospective Au Trend



# NORTH DAM GOLD

## Prospective Gold Tenure

### Internal Review

- Following the more recent Lithium and rare earths exploration program at North Dam a review into the prospectivity has been undertaken at the North Dam tenement.
- Field exploration by CuFe to date has not included a focus on gold.

### High Grade Gold Province

- North Dam tenement sits adjacent to the Spargo's Reward Gold Mine and the Wattle Dam Gold mine and within 500m of the Lady Allison Gold Deposit, 2.1 Mt @ 1.3 g/t Au (86,000 ozs)\*
- The Lady Allison deposit is hosted by a series of east trending and south dipping quartz lodes within a biotite feldspar schist. The same schist has been intersected in drilling and outcrop at North Dam.
- Gold prospecting and dry blowing has occurred across the tenement and neighbouring tenure.

### Exploration Strategy

- High resolution geophysics are planned to identify east – west trending structures that are recognised on regional publicly available magnetics.
- Targeted soil sampling program / auger drilling.

\* Source: Kalnorth (KGM) ASX Annual Report 30 June 2015

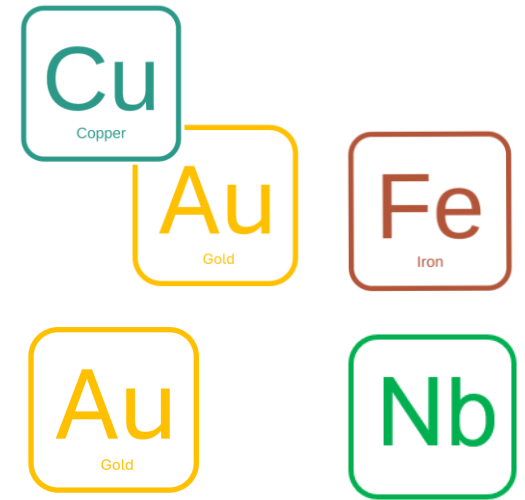


North Dam and major Gold occurrences

# KEY UPCOMING ACTIVITIES FOR 2025



- Complete Tennant Creek Gecko/Goanna Resource Update
- Complete Tennant Creek Alliance Scoping study on plant options with an aim to move to Pre- feasibility Study.
- Drill high impact exploration targets at Tennant Creek
- Progress Land Access and Approvals at Tennant Creek – including Orlando open pit cutback for potential early start option to supply third party plants
- Yarram - progress Kraken approvals & review Captain Morgan low grade ore / quick start option
- Progress target definition and heritage clearance of at West Arunta
- Commence exploration for Fe at Camp Creek
- Review gold portfolio for drill targets







CuFe<sub>ltd</sub>

**APPENDIX**

# ATTRIBUTIONS

## Competent Persons Statement

The information in this report that relates to geology is based on, and fairly represents, information which has been compiled Matthew Ramsden is a Member of the Australasian Institute of Geoscientists and a full-time employee of CuFe. Matthew Ramsden has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Matthew Ramsden consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.

The information in this report that relates to geology is based on, and fairly represents, information which has been compiled Siobhan Sweeney is a Member of the Australasian Institute of Geoscientists and a full-time employee of CuFe. Siobhan Sweeney has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Siobhan Sweeney consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.





# Mineral Resources

## Tennant Creek

Deposit	Indicated Resources					Inferred Resources					Total Resources				
	Tonnes (kt)	Cu Grade (%)	Gold Grade g/t	Copper Metal (kt)	Gold (koz)	Tonnes (kt)	Cu Grade (%)	Gold Grade g/t	Copper Metal (kt)	Gold (koz)	Tonnes (kt)	Cu Grade (%)	Gold Grade g/t	Copper Metal (kt)	Gold (koz)
Gecko	1,400	2.50	-	35.6	-	80	1.60	-	1.3	-	1,480	2.50	-	36.9	
Goanna	-	-	-	-	-	2,920	1.80	0.2	53.7	15	2,920	1.80	0.2	53.7	15
Orlando	2,483	1.32	1.32	32.8	106.2	3,467	1.04	1.62	36.1	180.6	5,950	1.16	1.5	68.8	287.0
<b>Total</b>	<b>3,883</b>	<b>1.72</b>	<b>0.84</b>	<b>68.4</b>	<b>106.2</b>	<b>3,547</b>	<b>1.39</b>	<b>0.96</b>	<b>91.1</b>	<b>195.6</b>	<b>10,350</b>	<b>1.53</b>	<b>0.92</b>	<b>159.4</b>	<b>302</b>

### Notes:

- *Gecko and Goanna have been reported above a 1.0% copper cut-off (reported in CUF ASX release dated 26 July 2022).*
- *Orlando has been reported above a 1.0 g/t gold equivalent cut-off (reported in CUF ASX release dated 3 February 2025).*
- *The gold equivalent calculation used for reporting at Orlando only assumes a gold price of US\$2,200/oz for gold and US\$9,250/t for total copper and assumes an 88% recovery for gold and an 87% recovery for copper through mining and processing. US/AUD exchange rate of \$0.67.*
- *Apparent differences may occur due to rounding.*

### COMPETENT PERSON

The information in this report that relates to Exploration Results and data that was used to compile the Mineral Resource estimate at Orlando is based on, and fairly represents, information which has been compiled by Ms Michelle Smith. Ms Smith is a member of The Australasian Institute of Mining and Metallurgy (AusIMM, #210040) and the Australian Institute of Geoscientists (AIG #5005). Ms Smith is a consultant for MEC engaged by CuFe. Ms Smith has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Ms Smith consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.

The information in this release that relates to the CuFe Gecko and Goanna Mineral Resource estimate is extracted from CuFe's ASX release dated 26<sup>th</sup> July 2022 and based on, and fairly represents, information which has been compiled by Mr I Glacken. Mr Glacken is a fellow Member of The Australasian Institute of Mining and Metallurgy. Mr Glacken is a consultant for Snowden Optiro engaged by CuFe. Mr Glacken has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Glacken consented to the inclusion in that ASX announcement of the matters based on his information in the form and context in which they appear. CuFe confirms that it is not aware of any new information or data that materially affects the information that relates to Exploration Results, Mineral Resources or Ore Reserves included in previous market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

# Mineral Resources

## Yarram

Deposit	Indicated Resources					Inferred Resources					Total Resources				
	Tonnes (Mt)	Fe (%)	SiO2 (%)	Al2O3 (%)	P (%)	Tonnes (Mt)	Fe (%)	SiO2 (%)	Al2O3 (%)	P (%)	Tonnes (Mt)	Fe (%)	SiO2 (%)	Al2O3 (%)	P (%)
Kraken	-	-	-	-	-	9.7	56.75	7.02	5.23	0.19	9.7	56.75	7.02	5.23	0.19
Capt Morgan	-	-	-	-	-	3.1	51.18	8.04	4.94	0.23	3.1	51.18	8.04	4.94	0.23
Total	-	-	-	-	-	12.7	55.41	7.27	5.16	0.20	12.7	55.41	7.27	5.16	0.20

- Notes:**
- Reported at a 48% COG (reported in CUF ASX release dated 28<sup>th</sup> February 2023).
  - Apparent differences may occur due to rounding.

Deposit	Indicated Resources					Inferred Resources					Total Resources				
	Tonnes (Mt)	Fe (%)	SiO2 (%)	Al2O3 (%)	P (%)	Tonnes (Mt)	Fe (%)	SiO2 (%)	Al2O3 (%)	P (%)	Tonnes (Mt)	Fe (%)	SiO2 (%)	Al2O3 (%)	P (%)
Kraken	-	-	-	-	-	5.6	60.43	5.44	4.05	0.15	5.6	60.43	5.44	4.05	0.15
Capt Morgan	-	-	-	-	-	0.05	55.76	3.97	5.64	0.23	0.05	55.76	3.97	5.64	0.23
Total	-	-	-	-	-	5.6	60.39	5.45	4.05	0.15	5.6	60.39	5.45	4.05	0.15

- Notes:**
- Reported at a 55% COG (reported in CUF ASX release dated 28<sup>th</sup> February 2023).
  - Apparent differences may occur due to rounding.

### COMPETENT PERSON

The information in this report that relates to Exploration Results and data that was used to compile the Mineral Resource estimates at Yarram is based on, and fairly represents, information which has been compiled by Siobhán Sweeney is a Member of the Australasian Institute of Geoscientists and a full-time employee of CuFe. Siobhán Sweeney has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Siobhán Sweeney consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.



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